

WHAT IS CLAIMED IS:

1. A polarizing plate comprising a polarizer and a protective film provided on at least one surface thereof with an adhesive layer,

5 wherein the protective film comprises (A) a thermoplastic resin having a substituted and/or non-substituted imide group in a side chain and (B) a thermoplastic resin having a substituted and/or non-substituted phenyl group, and nitrile group in a side chain,

10 and the adhesive layer comprises a polyurethane adhesive containing a urethane polyol and an isocyanate crosslinking agent.

2. The polarizing plate according to claim 1, wherein the urethane polyol is a polyether urethane polyol.

3. The polarizing plate according to claim 1 or 2, wherein
15 at least one adhesion imparting treatment selected from the group consisting of a dry treatment, a chemical treatment and coating treatment is applied to a surface of the protective film which adheres to the polarizer.

4. The polarizing plate according to any one of claims 1 to
20 3, wherein if in the protective film, a direction along which an in-plane refractive index is maximized is X axis, a direction perpendicular to X axis is Y axis, a thickness direction of the film is Z axis; refractive indexes in the respective axis directions are n_x , n_y and n_z ; and a thickness of the transparent film is d (nm) by
25 definition, the transparent film satisfies the following relations:

in-plane retardation $Re = (n_x - n_y) \times d \leq 20$ nm and
thickness direction retardation $R_{th} = \{(n_x + n_y)/2 - n_z\} \times d \leq 30$
nm.

5 5. The polarizing plate according to any one of claims 1 to
4, wherein the protective film is a biaxially stretched film.

6. The polarizing plate according to any one of claims 1 to
5, wherein after a sample of the polarizing plate cut in square
having a size of 30 mm \times 30 mm is immersed in warm water at
60°C for 16 hr, a peeling-off percentage of the protective film from
10 the polarizer is 1% or less relative to a length of a side of the
square polarizing plate.

7. A polarizing plate adhesive used in formation of an
adhesive layer between the polarizer and the protective film in the
polarizing plate according to any one of claims 1 to 6 comprising a
15 polyurethane adhesive containing a urethane polyol and an
isocyanate crosslinking agent.

8. An optical film comprising at least one polarizing plate
according to any one of claims 1 to 6.

20 9. An image viewing display comprising the polarizing plate
according to any one of claims 1 to 6 or the optical film according
to claim 8.